

AMENDMENTS TO THE CLAIMS

Listing of Claims

The following listing of claims replaces all prior versions and listings of claims in the application.

1. (Original): A liquid crystal display device comprising:

a backlight;

a collimating element for collimating incoming light from the backlight and transmitting the collimated light;

a liquid crystal cell for allowing the light coming from the collimated element to pass therethrough; and

a viewing angle widening element for widening the viewing angle by diffusing the light transmitted through the liquid crystal cell;

wherein the collimating element does not have a periodic pattern structure that allows Moire fringes or interference patterns seen in optical observation from a display side to be formed relative to a periodic pattern structure of another optical member of the liquid crystal display device.

2. (Original): The liquid crystal display device according to claim 1, wherein the collimating element is a bandpass filter.

3. (Original): The liquid crystal display device according to claim 2, wherein the bandpass filter is made of a cholesteric liquid crystal polymer material.

4. (Original): The liquid crystal display device according to claim 2, wherein the bandpass filter is formed by vapor deposition of a material into a multilayer structure.

5. (Original): The liquid crystal display device according to claim 2, wherein the bandpass filter is formed by laminating resin materials respectively having different refractive indexes into a multilayer structure.

6. (Original): The liquid crystal display device according to claim 5, wherein the multilayer structure is achieved by extruding the resin materials into a multilayer structure and then drawing the same.

7. (Original): The liquid crystal display device according to claim 5, wherein the multilayer structure is achieved by thin film deposition of the resin materials.

8. (Currently amended): The liquid crystal display device according to ~~any one of claims 1-7~~ claim 1, wherein the collimating element has a thickness of not more than 200 μ m.

9. (Currently amended): The liquid crystal display device according to ~~any one of claims 1-8~~ claim 1, wherein the collimation degree of the light coming from the collimating element is within $\pm 20^\circ$.

10. (Currently amended): The liquid crystal display device according to ~~any one of claims 1-9~~ claim 1, wherein a light source of the backlight emits a bright-line spectrum.

11. (Original): The liquid crystal display device according to claim 10, wherein the light source is a three-band cold cathode lamp.

12. (Original): The liquid crystal display device according to claim 10, wherein the light source is a light emitting diode.

13. (Original): The liquid crystal display device according to claim 10, wherein the light source is an electroluminescence device.

14. (Currently amended): The liquid crystal display device according to ~~any one of claims 1-13~~ claim 1, wherein the viewing angle widening element is a diffusing plate that does not substantially cause backscattering and does not substantially destroy a polarized state.